

Product Probe

RDM Product Probe is a standard thermistor probe which has been thermally insulated with material that affects the time/temperature response. When used in a refrigeration display cabinet, the Product Probe will react in a similar manner to produce in that cabinet, thus giving a more realistic representation of the actual produce temperature.

3 Types of Probe

- **PR0206** - PT1000
- **PR0222** - NTC2K
- **PR0204** - NTC2K25

Technical Specifications

Feature	Specification
Operating Temperature range	-42°C to +60°C
Relative Humidity	10% to 95% rH non-condensing
Weight	0.3kg
Size	50mm H x 75mm W x 75mm L

Resistance Values

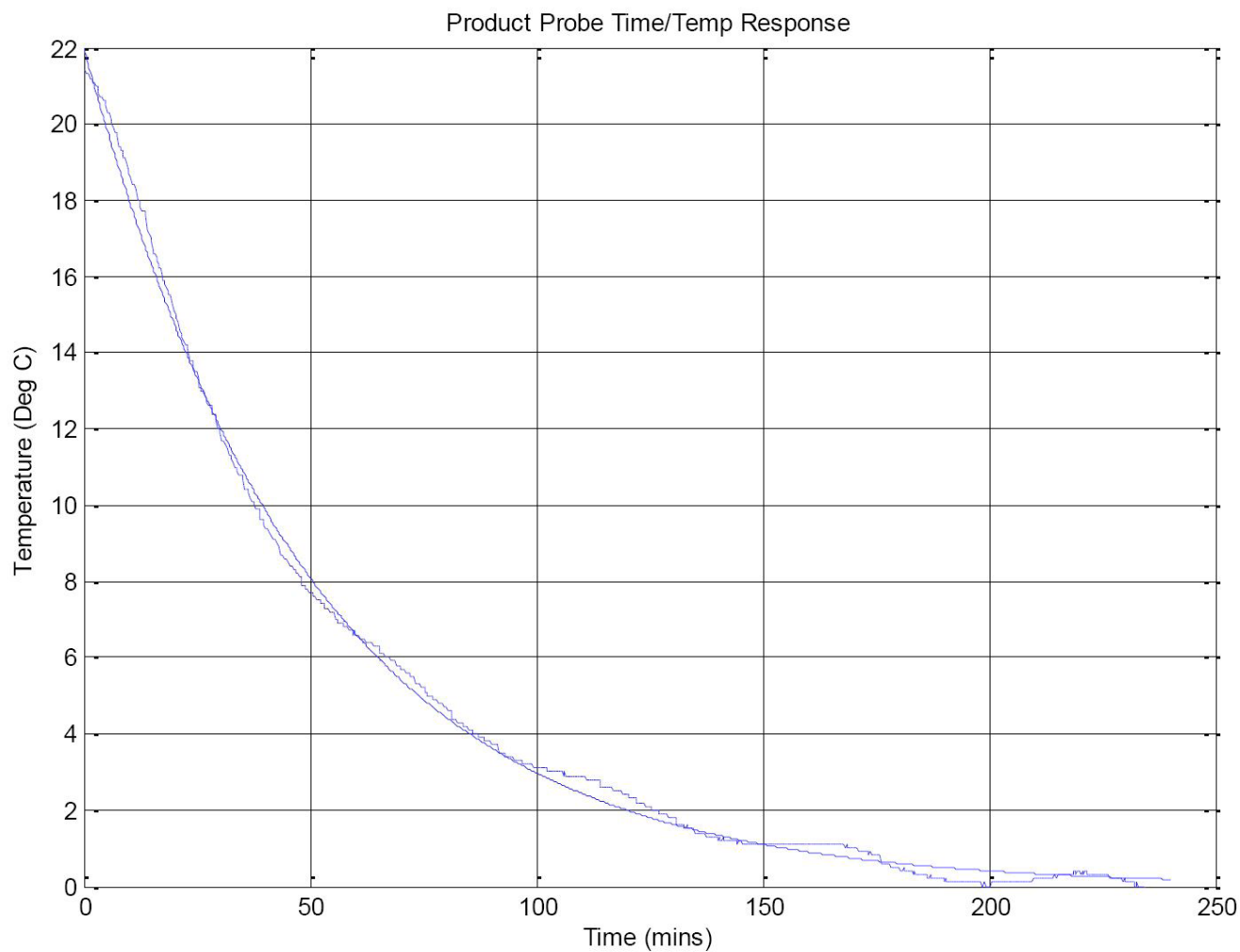
Part Number	Value
PR0206	Same as a PT1000 probe
Relative Humidity	Same as a NTC2K



The Product Probe has a magnetic base for display case shelf mounting.

Both products are supplied with a 1.5m lead and a 3 way connector.

Product Probe Time / Temp Response Graph



The above graph shows the Time/Temperature response, results from the test probe have been superimposed onto the theoretical curve.

the temperature change follows the following equations:

$$\text{Rising Deg C} = 1 - e^{-T/1000}$$

$$\text{Falling Deg C} = e^{-T/3000}$$

Where T = Time